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Substitute for form 1462NPTD INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known Application Number <u>107657,824</u> Filing Date <u>SEP 9 2003</u> First Named Inventor <u>YOUNG LEE</u> Art Unit <u>2821</u> Examiner Name Attorney Docket Number <u>CRSIPUS</u>	
Sheet	<u>1</u>	of	<u>1</u>

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No.	Document Number Number - Kind Code ¹ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
H		US- 6445354	09 2002	KUNYSZ
		US- 6452560	07 2002	KUNYSZ
		US- 6480170	11 2002	LANGLEY et al.
		US- 6492947	12 2002	ANDERSON
		US- 6549167	04 2003	YOON
		US- 6606061	08 2003	WONG et al.
		US-		
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FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Country Code ¹ - Number ² - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	<u>[Signature]</u>	Date Considered	<u>12/12/01</u>
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number	10/657,824
		Filing Date	SEPT 9, 2003
		First Named Inventor	YOUNG LEE
		Att Unit	2821
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	CRSJ 0145	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ²	Document Number ³ Number - Kind Code ⁴ / Inventor	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HU ↕ HW		US-4827271	05-1989	BERNEKING & DIETRICH	
		US-4847625	07-1989	STAFFORD	
		US-5025264	06-1991	TSAO	
		US-5241321	08-1993	DAY	
		US-548250	09-1995	KUSHIHI & IWASAKI	
		US-5635942	06-1997		
		US-5635848	01-1999		
		US-			
		US-			
		US-			

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Substitute for form 1448A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/657 824
		Filing Date	SEPT 9, 2003
		First Named Inventor	YOUNG LEE
		Art Unit	2821
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	CRSIP1145	

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Examiner Initials	Class No.	Document Number Number - Kind Code ² / Issue	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Chld Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KJ	US-	5945950	08 1999	ELBADAWY	
	US-	6054953	04 2000	LINDMARK	
	US-	6100855	08 2000	VINSON et al.	
	US-	6208309	03 2001	CHANDLER et al.	
	US-	6278407	08 2001	ASHJAEI et al.	
	US-	6326923	12 2001	SHIGIHARA	
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	US-				
	US-				
	US-				

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Examiner Initials	Class No.	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ / Issue	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Chld Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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